SOALAN NEGERI OPERATION SET

SPM KSSM MATHS

SIR VEN

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SET (PERCUBAAN SPM 2021)

JOHOR (SET 1)

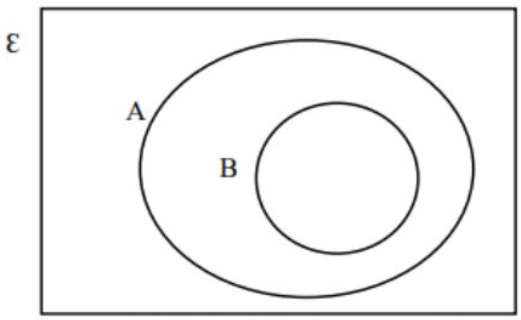
1 *(a)* Gambar rajah Venn di ruangan jawapan menunjukkan set A dan B dengan keadaan set semesta, $\mathcal{E}$= A U B.
Pada rajah di ruangan jawapan, lorek set A ∩ B
The Venn diagram in the answer space shows sets A and B such that the universal set, $\mathcal{E}$= A U B.
On the diagram in the answer space, shade the set A ∩ B

(b) Diberi bahawa set P = {nombor kuasa dua sempurna} dan set Q = {9, 16, 25}.
Lengkapkan gambarajah venn di ruang jawapan untuk menunjukkan hubungan antara set P dan set Q
It is given that set P = {perfect square numbers} and Q = {9, 16, 25}.
Complete the Venn diagram in the answer space to show the relationship between set P and set Q.

[3 markah / 3 *marks*]

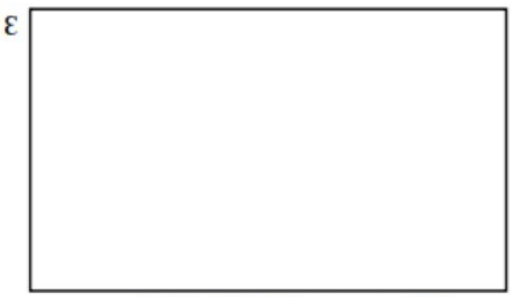
Jawapan / *Answer:*

(a)



Rajah 1(a) / *Diagram 1(a)*

(b)



Rajah 1(b) / *Diagram 1(b)*

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PAHANG (KUANTAN)

1 Gambar rajah Venn di ruang jawapan menunjukkan set A, set B dan set C dengan keadaan set semesta, $\xi = A \cup B \cup C$.
The Venn diagram in the answer space shows set A, set B and set C where the universal set, $\xi = A \cup B \cup C$.

Pada rajah di ruang jawapan, lorekkan set
On the diagram provided in the answer space, shade the set

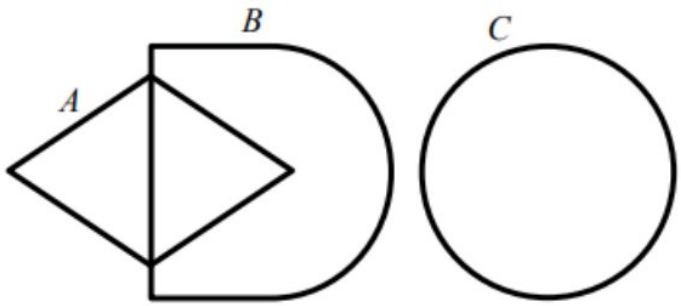
(a) B'

(b) $(A' \cap B) \cup C$

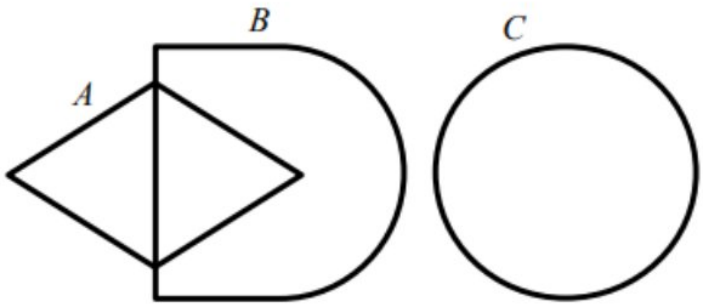
[3 markah /*marks*]

Jawapan / *Answer*

(a)



(b)



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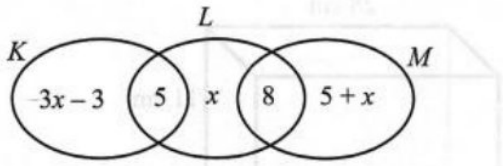
KEDAH

1 Rajah 1 menunjukkan set semesta, $\xi = K \cup L \cup M$.

Diagram 1 *show a universal set,* $\xi = K \cup L \cup M$.



Rajah / *Diagram* 1

Diberi, $n(K \cup L) = n(L \cup M)$. Hitung nilai x.

Given $n(K \cup L) = n(L \cup M)$. *Calculate the value of* x.

[3 markah / *marks*]

Jawapan / *Answer* :

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NEGERI 9

1 Gambar rajah venn di ruang jawapan menunjukkan set A, set B dan set C dengan keadaan Set semesta $\xi = A \cup B \cup C$. Pada rajah di ruang jawapan, lorekkan set

The Venn diagram in the answer space shows sets A, B and C such that the universal set $\xi = A \cup B \cup C$. *On the diagram in the answer spaces, shade the set of*

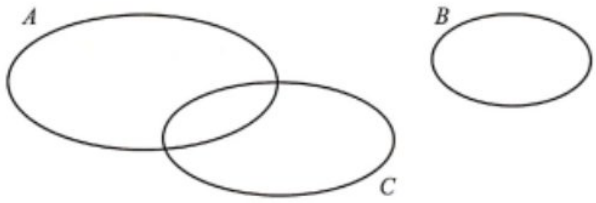
(*a*) $A \cup C$,

(*b*) $(A' \cap C) \cup B$.

[3 *markah*]
[3 *marks*]

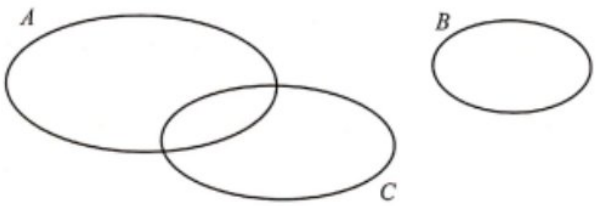
Jawapan / *Answer* :

(*a*)



Rajah 1.1
Diagram 1.1

(*b*)



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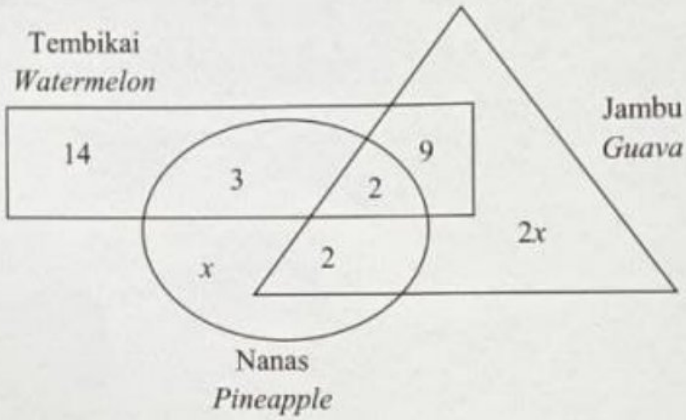
SELANGOR

16 Gambar rajah Venn di bawah menunjukkan perwakilan bagi 42 murid Kelab Usahawan Tani di sebuah sekolah yang menggemari tiga jenis buah-buahan tempatan iaitu buah tembikai, buah jambu dan buah nanas.

The Venn diagram below shows a representation of 42 students of Usahawan Tani Club at a school who are fond of three types of local fruits, watermelon, guava and pineapple.



(*a*) Diberi bilangan murid yang menggemari buah jambu sahaja adalah dua kali ganda bilangan murid yang menggemari buah nanas sahaja.

Given the number of students who like guava only is twice the number of students who like pineapple only.

Hitung:

Calculate:

(i) bilangan murid yang menggemari buah jambu.

the number of students who like guava.

(ii) bilangan murid yang menggemari dua jenis buah tempatan.

the number of students who like two types of local fruit.

[5 *markah*]
[5 *marks*]

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